

SEQUENCE LISTING

(1) GENERAL INFORMATION:

(i) APPLICANT: Meade, Harry
Pollock, Daniel
DiTullio, Paul

(ii) TITLE OF INVENTION: Transgenic Production of Antibodies in Milk

(iii) NUMBER OF SEQUENCES: 5

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Darby & Darby PC
(B) STREET: 805 Third Avenue
(C) CITY: New York
(D) STATE: New York
(E) COUNTRY: US
(F) ZIP: 10022

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.25

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: US 08/170579
(B) FILING DATE: 20-DEC-1993
(C) CLASSIFICATION:

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Ludwig, S. Peter
(B) REGISTRATION NUMBER: 25,351
(C) REFERENCE/DOCKET NUMBER: 4444/08981

(ix) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: 212-527-7700
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(C) TELEX: 236687

(2) INFORMATION FOR SEQ ID NO:1:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 18 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: cDNA to mRNA

(vi) ORIGINAL SOURCE:
(A) ORGANISM: *Capra hircus*

(vii) IMMEDIATE SOURCE:
(B) CLONE: beta casein 5'

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

CGCGGATCCT CGAGGACC

18

(2) INFORMATION FOR SEQ ID NO:2:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 59 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: cDNA to mRNA

(vi) ORIGINAL SOURCE:
(A) ORGANISM: *Capra hircus*

(vii) IMMEDIATE SOURCE:
(B) CLONE: beta casein 3

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

TAAGGTCCAC AGACCGAGAC CCACTCACTA GGCAACTGGT CCGTCCAGCT GTTAAGTGA

59

(2) INFORMATION FOR SEQ ID NO:3:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 34 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: cDNA to mRNA

(vi) ORIGINAL SOURCE:
(A) ORGANISM: *Capra hircus*

(vii) IMMEDIATE SOURCE:
(B) CLONE: light chain 5'

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

AGTGAATTCA TGCTCGAGAG CCATGGCCTG GATC

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(2) INFORMATION FOR SEQ ID NO:4:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 34 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: cDNA to mRNA

(vi) ORIGINAL SOURCE:
(A) ORGANISM: Capra hircus

(vii) IMMEDIATE SOURCE:
(B) CLONE: Heavy chain 5'

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

AGTGAATTCA TGCTCGAGAG CCATGAAGCA CCTG

34

(2) INFORMATION FOR SEQ ID NO:5:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 14 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: cDNA to mRNA

(vi) ORIGINAL SOURCE:
(A) ORGANISM: Capra hircus

(vii) IMMEDIATE SOURCE:
(B) CLONE: HEAVY CHAIN 3'

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

AGCTCCTCGA GGCC

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